

FINAL DRIVE TO SELL SONG BOOKS ENDS ON FRIDAY

Proceeds of Sales to be Used
To Purchase New Shell
For Boathouse

1500 COPIES STILL REMAIN

Books Being Sold in Dormi-
tories, Fraternities and Boat-
houses All This Week

Progress on the sale of the prize song books is proceeding very slowly and there are still 1500 copies which the committee is trying to sell. A special drive for getting the students to purchase these books is under way and it is expected that by the end of the week when the drive ends a large number will have been sold.

The Song Book Committee headed by Howard S. Gardner, Jr., '30, has started its drive this week by getting directly to the students. One man has been put in charge of the sales in the fraternity houses, another in the dormitories, and another in the boathouse. As usual, the books are being sold in the Main Lobby every day from 12 o'clock until two.

Sign-up Slips Are Sold

According to the system which the committee is using to sell the books, sign-ups are sold to the students in the fraternities, the dormitories, and the boathouse. When the students present these sign-up slips in the Main Lobby they will receive their song-books. As usual the books may be purchased directly in the Lobby.

In order to arouse the interest of the freshmen in buying the collection of songs, the committee has arranged with the various section-leaders to speak to the men in their section. It is hoped in this way that some of the remaining copies will be sold.

For the past two days, a great deal of interest has been shown by the students in the single-seater shell on exhibition in the Main Lobby. This was placed there by the Committee to get the students interested in the idea of the proceeds of the song-book sales being used for the purpose of buying a new shell. So far the sales have been so poor that the proceeds have been barely sufficient to pay for the cost of printing the books.

Chorus Tryouts For Tech Show In North Hall

Instruction in Dancing To Be
Given Before Selection
Of Men Is Made

Chorus tryouts for Tech Show 1930 will be held at 7:30 o'clock tonight in the North Hall of Walker Memorial Building. Men who have been in the chorus of previous Shows need not be present at this time, but it is important that all new men attend these tryouts. No knowledge of dancing is required and all students have an equal chance since the selection of the chorus is not made till after instruction has been given.

This year it is planned to have a chorus of 24 men instead of 16 as heretofore. It will consist of 8 males and 16 females. Already about 10 dances have been planned and work will be started on these as soon as the chorus is selected. An elaborate ballet is also being considered and men for this will be chosen from the regular chorus.

It is planned to use original music in the Show this year, but to date only a few numbers have been turned in. Anyone who can write music or lyrics should be present at the tryouts tonight, or speak to the Music Director at the Tech Show office in Walker. Fast fox-trots are wanted and as in previous years all music used will be published.

According to the management skits are still wanted for the Show. While quite a few acts have already been turned in it is hoped that many more will be submitted. Anyone who has an idea for the Show should see Mr. William C. Greene in his office, Room 2176 any afternoon from 3 to 5 o'clock. There are still positions open for freshmen and Sophomores in the managing end of Tech Show and anyone interested should appear at the office.

Drive Dinner of T.C.A. To Be In Walker Tonight

Eighty Men from Fraternities
And Dormitories to
Be Present

Eighty men will attend the drive dinner of the T. C. A. which will be held in North Hall at 5:30 o'clock today. This gathering has been planned for the purpose of getting the drive under way on November 4 and the dinner is being furnished by three persons who wish to see the drive very successful this year.

Mr. Brewer Eddy, a graduate of Yale, now secretary of the American Board, will explain the methods and best ways to make the drive reach the goal. Professor Hale Sutherland '11 will give an illustrated lecture on Robert College in Constantinople where he was exchange professor in 1926-27. This talk will last only ten minutes and is given to acquaint the men with "Tech in Turkey" which is the largest item on the budget.

In the last drive 70 per cent. of the money which was subscribed was taken off the laboratory deposits or charged to the bursar's account. The 1929 budget cards have a check attached to the side which will enable men to do this with little trouble.

The amount of the drive is set at \$4300, the quota for "Tech in Turkey" set at \$1075. For jail work only \$10 was required and a gentleman who walked into the T. C. A. office said that he would pay for all expenses of the jail-workers. He made out a check for the amount and walked out.

The services which were checked by a large part of the students in last year's drive were the employment service, freshman Camp, the handbook and the book exchange. All of these items were increased during the last year.

N. J. DARLING WILL ADDRESS A. I. E. E.

Manufacturing Talk Follows
First Dinner of Year

Continuing the custom of past years, the M. I. T. Student Branch of the American Institute of Electrical Engineers will hold a series of dinner meetings this fall, to which all freshmen, Sophomores and others interested are invited. The first of these get-togethers will be held tomorrow night at 6 o'clock in the North Hall of Walker Memorial. The purpose of the meetings is to allow the first and second-year men to become better acquainted with the opportunities in the field of electrical engineering.

Following the dinner, the gathering will adjourn to the Main Hall of Walker, where they will be addressed by Mr. N. J. Darling, works manager of the General Electric Company of Lynn. Mr. Darling will speak on the opportunities for the young engineer in the electrical manufacturing field. Motion pictures on this subject will illustrate the lectures.

Tickets for the dinner, which are free, may be secured from any member of the executive committee, or from Room 4-203 before noon today.

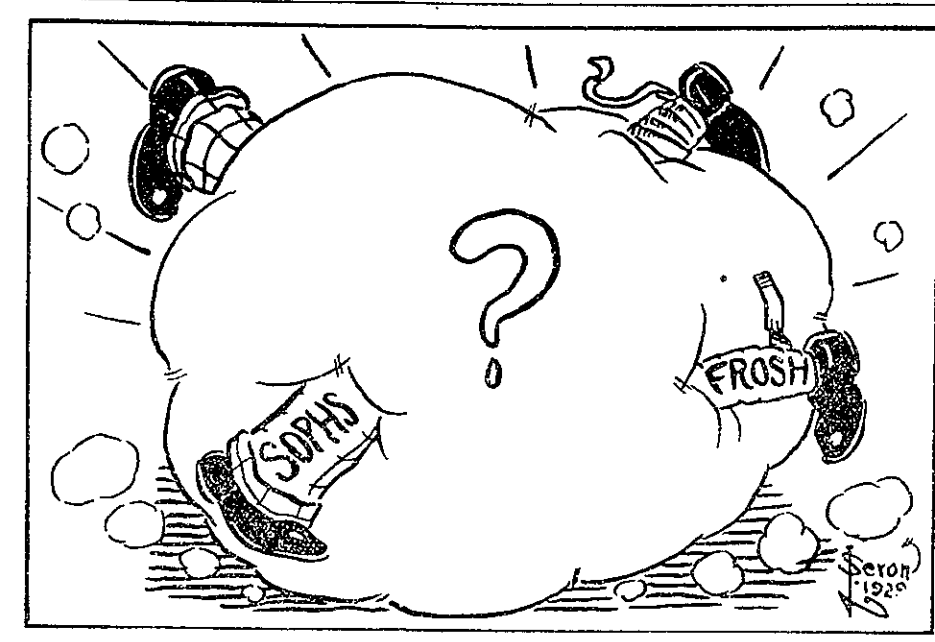
M. I. T. A. A. APPROVES WRESTLING MANAGER

Recommendation for Awards
To 1929 Tennis Teams

Seymour E. Northrop '31 was approved as manager of this year's wrestling team at a meeting of the Executive Committee of the M. I. T. A. A. held last Monday. Northrop was recommended to the Committee by Coach Ricks, who was recently appointed coach of the wrestling team.

Approval also was given of the election of Thomas R. Wigglesworth '30 as captain of the tennis team for the coming year. The following men were recommended for the award of tTt for their work on last year's tennis team: John M. Cleary '30, Thomas R. Wigglesworth '30, Jose Ferrer '29, Frank E. Dame '31, Victor E. Studley '31, Harold E. Searles '30 and Joseph T. Wight '30, manager. Recommendation was also made that Draveaux '30, Bender '32, Robert B. Semple '32, and Herbert F. Ross '32 be awarded class numerals for their work as members of the freshman tennis team.

RIVALRY BETWEEN LOWER CLASSES IS INCREASING AS FIELD DAY APPROACHES



BASKETBALL TEAM WILL HOLD RALLY THIS AFTERNOON

Varsity Has 13 Games to Play
In Schedule Starting
On December 7

LOSES ONLY TWO PLAYERS

Coach McCarthy of the Technology basketball team has issued a call for all men interested in this sport. A mass meeting for the benefit of new men will be held this afternoon at 5 o'clock in the Hangar Gym. The rally will be addressed by the coach, players and others concerning the coming season and the advantages of basketball as a sport at the Institute.

All freshmen who have signed up for basketball in place of P. T. are expected to be present, because much information will be given them at this time. The freshman schedule will begin in six weeks, so practice will start in earnest soon after Field Day.

Varsity is Strong

This season the Varsity five will have everyone who played on last year's team, with the exception of ex-Captain Bernard Brockleman and Brig Allen. This means that the positions of center and left forward will have

(Continued on Page 3)

Relay Teams Are Closely Matched For Annual Race

Only Defeat of Day Last Year
For the Class of 1932
Was Relay Race

Close competition will feature the relay race on Field Day, judging from a comparison of the times turned in by the aspirants for positions on both class teams. Since the last list of the men that would represent their classes was published, one man has qualified for the Sophomore team. Chafer made the distance in 25 seconds flat, and thus tied with Mulliken for the best Sophomore time turned in to date.

1932 Lost Last Year

The relay race was the only event that the present Sophomore class lost last year on Field Day. 1932 took the lead at the crack of the starter's gun and gradually increased it until they were thirty-five yards in front of the class of 1931 runners. Then Orleman, running for 1931, closed up the gap with a terrific burst of speed and Leadbetter succeeded in pulling the present Junior class to the front. They stayed there until the end of the race. Wayne almost caught his opponent at the finish but did not suc-

(Continued on Page 3)

Field Day In Its Present Rectified Form Is Result of Fatal Accident

Death After Cane Rush of 1900
Causes Change of Sopho-
more-Freshman Clash

Field Day, in the form in which it now exists, is the outcome of a fatal accident in the last cane rush between the two lower classes at Technology in 1900. The victory which the Class of 1904 won was dearly paid for, as one of their numbers was killed during the battle and another one so seriously injured that he never fully recovered.

First Field Day in 1901

In 1901 Field Day was inaugurated. It was composed of three events: a football game, a mile and a half relay race, and a tug o' war, comprised of three pulls, if the third one was necessary. The football game counted four points, the relay three, and the tug o' war two. Therefore the victory went to the class that won in any two of these events. The present Field Day consists of a crew race, a football game, the tug o' war, the relay race and the glove fight. Up to last year the points ran so that the side that won the football game and one other event, not including the glove fight, emerged victorious for the day. The crew race first contributed toward victory as far as points were concerned in 1918, when it was given three points although it had been held in the years previous to that. Up to the present time the glove fight has not been included in the scoring column.

In past years there has been a post-Field Day celebration known as Tech Night which in reality was a special how for Technology men at some show house in Boston, but this custom has been discontinued. There have also been snake dances over the Harvard Bridge to the Rogers Building and town via Bolyston street, stopping long enough to serenade Station Number 16 en route. These snake dances did not meet with much resistance until a few years ago although they did tie up traffic considerably. As a result of the affair three years ago this practice has likewise been discontinued. Now all of the activities on Field Day are limited so that they must take place on the Institute grounds.

Dormitories Always Active

The struggle between the Dormitory Sophomores and freshmen has in the previous years started the night before Field Day. The morning of Field Day exposes such things as class flags floating at the top of numerous well greased flag poles around the Institute and from Walker Memorial. The classes usually have a mascot, generally in the form of an old dilapidated Ford, or more rarely, as last year, the president of the other class. The year Field Day was inaugurated the freshman class won, but first year men have been victorious only five times since then. Four of these six classes have won both years and it still remains to be seen whether it will be five out of six or not.

LOWER CLASS MEN EAGERLY AWAITING FIELD DAY FRIDAY

Freshman Relay Team Seems
To Be Stronger Than That
Of Second Year Men

EVENTS START AT 1:30

1932 Tug-of-War Team Out-
weighed But Has Better
Form Than Yearlings

Sophomores and freshmen are eagerly awaiting Friday when they can match their strength and skill against each other. Field Day this year should be just as exciting and interesting a spectacle as has ever taken place for the keenest rivalry exists between the two lower classes of the Institute. The first field event will take place at 1:30 o'clock.

President Stratton will, as usual have a box in the center of the stands. Behind the official box will be the reserved seats for the faculty and privileged guests. The freshmen will occupy the South end of the grandstand with the Sophomores in the opposite end. Between them will be the wild, cheering mob that will urge the contestants on to greater effort.

This year, as heretofore, marshals will patrol the grounds the night before Field Day to prevent any off campus parades or demonstrations. They will of course be stationed at strategic points Friday afternoon to see that the rules of the Institute Committee are carried out. The marshals will wear white sweaters to distinguish them from the other students on the field and so that their word will not be disputed.

Both the freshman and Sophomore relay teams have been picked. So far it looks as if the first year men have the fastest team while the Sophomores seem to have the better football team. Besides being heavier the second year men have the faster squau. The Sophomore tug-of-war team is outweighed but they seem to have better form than their adversaries.

Sophomore Eleven Has Slight Edge On Yearling Men

Second-year Men Have More
Experience and Heavier
Football Team

With just one practice left, both football squads have rounded off training, and are ready for the clash Friday afternoon on Tech Field. Both teams have played preliminary games and lost, so that their records will be about even when they go on the field for the biggest event in the football season.

Judging from the showing made by both teams in their preliminary games, the Sophomores seem to have a slight advantage over the less experienced freshmen. Besides having played together last year, the Sophs have a heavier team, averaging a little less than ten pounds more to the man than the yearlings. The lineups of both teams are undecided, but a tentative lineup may be published in the Friday issue of THE TECH.

Paul Injured

Paul, who will probably play at halfback in Friday's game has been suffering from an injured arm sustained in the game with Newport Naval Academy, and this will probably affect his passing ability. Thompson, on the yearling eleven, who sustained a broken arm in the Middlesex game, will be out of the freshman lineup, while Dane, who was also injured in the same game, will be on the field for the yearlings Friday.

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of M. I. T.

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DON'T SINK ANOTHER CREW

SONG Books are going—yes—but why not more rapidly? The concerted efforts of the Song Book Committee of the Institute Committee have accounted for a considerable increase in sales of the recently released edition of Technology songs, but the response of the student body has not been at all gratifying. If this lethargy continues, the immense help which the students might give to their alma mater will be negligible.

There is no use "re-hashing" the benefits from the purchase of the Technology Song Book. The facts have already been restated any number of times. The matter resolves itself into one of loyalty to the Institute and its crew. Do you yourself give a "tinker's dam" whether our crew is sunk in intercollegiate competitions, and whether a worthy project goes "over the top"? If you do, BUY!

As is often the case, our intentions and actions are widely at variance. We want the crew to bring fame to Technology, and yet we do not aid them in the slightest degree. Crew racing, unlike football and basketball, is not a sport to which students may give support by their enthusiastic presence. There is only one way to do it—break open the pocket-book and use only a single dollar for a bigger value than Raymond's ever thought of. Individually it is a trivial matter, and yet the combined support of everyone means so much!

A group of generous professors and graduates have given a great deal of their time to make possible the book's publication. They have perpetuated the traditional songs of the Institute, and added new ones. Their work has taken much time and effort—they have surely done their part for the worthy cause. Our appreciation of their labors requires no sacrifice, and our contribution towards the new shell may mean the difference between success and failure next spring. The Song Book costs only one dollar—BUY ONE TODAY!!

FORTY-EIGHT HOURS OFF

EXPRESSING the confidence of the Institute authorities in the student government, Dr. Stratton has made signed acceptance of the following recommendation of the Institute Committee: "That in order to protect the good name of the undergraduate government, there shall be no parades or demonstrations of any character off the Institute ground, and that the President of the Institute be requested to support this decision by giving due notice that offenders render themselves liable to expulsion."

This statement does not in any way detract from the success of Field Day. It is intended only to point out the utter futility and absolute wrongness of a type of mob-directed Field Day such as that of three years ago. Everything points to a most interesting tournament Friday. The freshmen have every advantage towards duplicating the successes of freshmen classes for the past five years. The Sophomores will have to fight, and remember that over-confidence has accounted for more than one ignominious defeat. On the practises of the next two days will depend the outcome. Get out and work, all of you!

VITESSE, 30 M.

WITH the recently added improvements to the already elaborate system of thoroughfares on the campus, there has been an evident increase in the speed of the cars of the student body. The well-paved roads offer a temptation, and the lack of policing removes effective restriction.

The imminent danger of this condition can readily be seen, and it is the duty of the student body to remedy it. Other colleges have found the situation so uncontrollable that they have prohibited student-owned cars from trespassing on the campus. To resort to such a radical and inconvenient solution of the problem here should be unnecessary.

The student or faculty member who walks about the Institute grounds must be very watchful under the present conditions, and it is very often as difficult to get from Building 2 to Walker Memorial or to leave Building 10 as it is to cross some of the crowded thoroughfares downtown. Less care is taken by the average pedestrian on the campus than outside, and it should not be necessary for him to be constantly on the watch. It is for the owners of cars to make the campus safe for pedestrians.

THE LOUNGER

Alas, oh dear, but the poor tired Lounger is weary. If the professors would only be a bit more obliging—if they would so regulate their conduct that it would be unnecessary to censure them in the public press. For now comes one Prof. George, an old offender, and it seems that he still endeavors to belittle the efforts of his esteemed contemporaries, Messrs. Woods and Bailey. Surely nobody but an extreme egotist would deny that the aforementioned gentlemen have written an excellent treatise on Elementary Calculus, one that is instrumental in flunking a satisfactory number of freshmen and Sophomores. Would the good professor wish to depopulate the Institute?

A tale goes the rounds of an individual who takes innocent frosh for long rides, out to Concord and beyond, and then invites them to walk back. No satisfactory explanation of his conduct has been suggested to the Lounger, since he apparently offers his victims no alternative whatsoever. The Lounger moves that the Institute Committee conduct an investigation at once.

An important subject of discussion at last night's Pi Delt meeting was the advisability of holding a football championship among the undergraduate publications of Technology. Let it go on record immediately that the Lounger is steadfastly opposed to such action! What a pity it would be to send his fine, upstanding, clean-living young men against the hired brawlers of T. E. N. and Voo Doo! Let the minor publications squander their money on their unimportant, inconclusive annual farce; for real football, readers make reservations now for The Tech-Technique game soon to take place.

In line with the campaign now being conducted by local and State officials is the drive against speeders which has been inaugurated by ye Editor and Major Smith. In commenting, the Lounger will merely state that the Major and the Editor are under a slight misunderstanding on this matter. The apparent thoughtlessness displayed by certain students is no more nor less than a concerted attempt at decreasing the huge number of brownbags now infesting the campus, and if the aforementioned Major and Editor will but take pains not to carry a brownbag on the campus they can safely roam the grounds of the Institute until old age overtakes them.

Appearance of prexy's Field Day warning brings fond memories before the Lounger's eyes. Ah, the good old days, days gone forever, when Tech men spread death and destruction in their wake whilst Boston cops pinched all available innocent bystanders. When Tech Night came around as regularly as St. Patrick's Day, and the resulting damage furnished topics enough for fireside conversation to last the year out. When street cars lay down between the rails and played dead at the first howl of the mob. When subway trains ran non-stop between Harvard and Park streets. Ah, the good old days when Uncle Horace billed the individual frosh and Sophs for damages—thank goodness, they're gone forever.

The Lounger expects to see Prof. Armstrong return any day now, what with the bottom falling out of the market and such. Now is the time for all good economists to come to the aid of the stock exchange.

Found—an honest student, albeit somewhat modest. The T. C. A. has had its floor polisher returned, although the bearer refused to divulge his name. Such modesty in a young man bespeaks the proper paternal influence and might well be copied by the student body—let us have no more boasting of problems copied whilst the instructor took the attendance.

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Gas Engineers Will Investigate The Possibilities of Refrigeration

American Gas Association Also To Compete With Oil For Heating

That serious and concerted investigation into the question of gas refrigeration of private homes and small establishments will soon be taken up is evidenced by the American Gas Association Monthly on house cooling. The question is important to the gas industry not only because of the larger quantity of gas that will be sold, but because of its relation to the heating system in the winter.

For many years, gas has been considered for heating of homes, and the reason that it has not been pushed is economic rather than scientific. With a large percentage of the gas during the winter being used for heating, there naturally results an enormous decrease in the demand during the summer. Unless this demand is taken up by something else, the plants for the production of gas remain idle, with a prohibitive overhead.

With gas refrigeration run during

the summer to take up this surplus, the gas companies would find it profitable to boost the two together, and it is with this object in mind that the Gas Association is planning extensive research into the field of refrigeration. Their problem is not only to compete with the oil men, but also get a summer load by means of instantaneous hot water advertising.

Program Already Determined

The problem has already been divided into three sections and plans have been made to conquer each problem. First, there must be research to observe the cost of refrigeration effect obtained by gas in plants of varying size, and a comparison of this cost with electric refrigeration. Second, research to determine the cost, limitations, and practical aspects of the cooling of residences and buildings in summer, and the volume, characteristics, and distribution of the load obtainable. Thirdly, the development of efficient, reliable, and inexpensive appliances to do the work. Over ten thousand dollars has already been appropriated to carry on this work.

As We Like It

"JULIUS CAESAR," THE REPERTORY

Again the Repertory tackles Shakespearean drama in Julius Caesar and again the impression of a continuous play of action is produced by the manner in which the production is staged. Interruptions that can not take the time the program credits them are scarcely noticeable as interruptions in the continuity of action.

With all the simplicity of the sets in this production the effects produced reveal perhaps as forcibly as is consistent with modern tastes the simplicity of the normal life of the noble Roman of the time of Cato the Censor.

Much of the effectiveness of good work on the part of chief characters was hurt by the work of those who formed the rabble. Few in numbers though they were, they were responsible for a din which at times drowned out the famous speeches, which knowing as we do fairly line for line, we still have a weakness for wanting to hear repeated.

Some really fine acting was done by Allen Nourse in the role of Antony. He was particularly effective in the scene in which he makes a provisional peace with Brutus and his fellows immediately after Caesar's death. He might have done a really fine piece of work in his "Honorable men" speech had the rabble acted like a crowd rather than a few very boisterous and rude people. Fine work was also done in Lark Taylor's portrayal of the conscientious Brutus. Caesar himself, played by Howard Kyle was not a particularly inspiring figure. His tone of voice was reminiscent and rather too senile for a man who was "ambitious."

Credit is certainly due the Repertory not alone for their excellent music in itself but the effective way in which it is used to heighten dramatic effects.

M. F. B.

As We See the Movies

LOEW'S STATE

In "Marianne," the current picture at the State, Marion Davies makes her Boston debut in the field of talking pictures. She does a superb piece of acting, and it is a shame that she is supported by a cast of rather mediocre quality.

Marion possesses an unusually attractive singing voice, and talks English with a French accent with what might be termed a high degree of finesse. Her naturally vivacious nature makes it easy for her to portray the French type.

The story is similar in general to several of the recent war dramas with their doughboys, battle scenes, girls behind the lines, company scraps, and risqué humor. It was the last of these characteristics that saved a somewhat hackneyed plot from being a bore.

There are several really good musical numbers in the show, noticeably "Marianne," and "Just you, Just me," and the singing throughout the picture deserves a deal of credit. In the talking however, the Yankee accent was noticeably overdone. The soldiers of the cast were truly types of common Americans, a bit too much so to make them pleasing as actors.

On the stage is a musical review that is quite acceptable.

Very little imagination on the part of the reader is necessary to add the appropriate flavor to the following note concerning the Medical Laboratory of the University of Cincinnati:

"According to the new method, four students will work on one corpse, two taking a lateral half. One pair will work on the thorax and the other on the abdominal cavity and the lower extremities. This system will permit a change in cadavers at the end of the semester. . . . The new system will prevent waste by souring and decaying as it will change corpses twice a year."

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TECH REVIEW TO BE ON SALE IN MAIN LOBBY TOMORROW

Discussion of Effects of Machine Age is Leading Article of Issue

NEW FOUR-COLOR COVER

Sailing Etchings and Lithographs in Story of George C. Wales '89

Commencing the new volume, the Technology Review will offer its November issue to the students tomorrow in the Main Lobby. This publication will be entirely refurbished and redecorated with a four-color cover and new paper which will make better halftone reproductions.

The leading article in the issue, "A Billion Wild Horses," is a discussion by Stuart Chase '10 of the helpful and harmful effects of the machine age. "In brief, gentlemen," writes Mr. Chase, "I am no engineer despite my two years at the Institute, but I want to know what you engineers are up to, what kind of a joy ride you are giving this planet on the back of a million horsepower, and whether the world is a better place to live in since you started the laboratory racket along about the time James Watt took a walk on a Glasgow Green and smiled because the answer to the problem of a vacuum in a steam chamber had come to him."

Sailing Etchings and Lithographs "Halyards and Reef-Tackles" by George C. Wales '89 presents along with the illustrations from the author's etchings and lithographs, a description of his methods of preparing these prints and also a coda on the lure of the sea.

Frederick H. Newhall '85 presents the political and engineering aspects surrounding the Boulder Dam project. "Naval Armament Reduction" by Professor William Hovgaard contains the proposal for solving the yardstick enigma that is the great barrier to an agreement to the limitation of navies.

James A. Tobey's "Foretelling Death" surveys the changing longevity of people since Grecian times and contends that the average life of persons at this time is much greater than at any other period in history. He discusses the effect of the milk of the cow and scientific research on milk in relation to its use as a prolongation of life.

In addition to these articles there are the usual departments surveying the trend of affairs in scientific and engineering fields and in Technology officialdom. The Books Department contains reviews by Professors Passano, Davis, and Sutherland as well as others of the Review staff.

Yearlings And Sophomores Will Row Close Race

The freshman and Sophomore Field Day Crews today had their first time trials and the official line-ups were given to THE TECH. The Sophomore line-up is as follows:—bow, Kirkpatrick; 2, Crowther; 3, Anderson; 4, Burritt; 5, Walsh; 6, Lawrence; 7, Spreen; stroke, Casey. For the freshmen the line-up gives bow, Theiler; 2, Regan; 3, Martin; 4, Haggood; 5, Glenn; 6, Bell; 7, Miller; stroke, Trimble.

In the time trials the freshman boat very nearly approximated the time made by the second year men. Neither crew was rowing with a stroke much faster than thirty. Every oarsman was putting in a good hard stroke rather than a speedy one. In the race Friday morning it is planned to follow the same policy.

Coaches Dolbin and Conwell are very close mouthed on the outcome of the race. In addition to the very ample reticence of coaches in general these two exhibit that extra bit that is indicative that the race is not in the least over until one bow is well over the finish line. General opinion, as well, around the boathouse is that the pull over the Henley distance is a cinch for neither boat.

The two major debating societies at the University of California recently staged a debate, with the subject "Should or should not women pay their share of the expenses on a date?"

A student at the University of South Dakota commutes by airplane, as he lives sixty miles from the campus.

In order to comply with a condition of a will which bequeathed \$5,000,000 to the University of Vermont, the University has restricted its enrollment to 1000 students, all of whom must be residents of Vermont.

BASKETBALL SEASON STARTS DECEMBER 7

Freshmen are Asked to Attend Rally This Afternoon

(Continued from page 1)
to be filled before the season starts on December 7. Last year the team was very successful, and the prospects for a repetition this year are hopeful. The Varsity has 13 games on the 1929-30 schedule, which runs as follows:

December 7 New Bedford
December 11 Brown
December 14 Newport Naval
December 18 Harvard
January 10 Norwich University
January 15 Middlebury
February 8 Lowell Textile
February 11 Yale
February 14 U. of Maine
February 19 U. of New Hampshire
February 22 New York University
February 28 Brooklyn Polytech
March 5 Tufts

The freshmen schedule:

December 11 Brown
December 14 St. Anselm's Prep
December 18 Harvard
January 15 Boston Boys' Club
February 19 Huntington School
February 22 Tabor Academy
March 1 Tilton Seminary
March 5 Tufts
March 8 Rivers School.

BOTH RELAYS FEEL CONFIDENT TO WIN

Relay Only Defeat of Day for Class of '32 Last Year

(Continued from page 1)
ceed and 1932 had to be content with losing one event.

Trials Held This Week

Time trials are being held every day until Friday for those men who think they can do better than they have done so far. The teams will be virtually those announced in THE TECH on Monday but there may be one of two changes according to the results of the trials held this week.

Judging from the odds being offered around the track house, the freshmen are favorites to win the annual struggle on the track. The Sophomores are by no means without backers, but the slight edge seems to be for the new men.

PROFESSIONAL WILL COACH SQUASH TEAM

Summers Comes to Technology From Union Boat Club

Jack Summers, former squash racquets pro at the Union Boat Club, will soon begin his duties as Coach of the squash team at the Institute. He has resigned his position at U. B. C. to take on the task of building up the sport here to a level comparable to Harvard and other colleges.

The new coach has been several years with the Union Boat Club, during which time he has made an enviable record as a player. At present he is the professional champion of New England and considered to be better than any amateur in the game in this vicinity. By many followers of the game he is acclaimed the finest squash racquets player in the country.

This sport here at the Institute has been rather unsuccessful in the past. With the instruction of an expert coach a much brighter future can be foreseen.

The Arkansan Press Club makes an annual presentation of a live razor-back hog to the one who does the most for the college during the year.

Of the 900,000 college students in the United States, approximately \$6,000 attend Catholic Colleges.

POLO CLUB MEETING SET FOR TOMORROW

Prospects for the Team to be Subject of Discussion

All men interested in polo and riding are invited to attend the first meeting of the M. I. T. Polo Club tomorrow at 5 o'clock in Room 1-190. The polo team for 1929-1930 will be the chief topic for discussion.

The Technology team had a successful season last year in spite of the difficulties encountered in organizing the team and securing suitable ponies. Available material being limited, new men with experience or even those merely nursing a secret desire to surprise their friends are urged to come out and help gain a rating for the team equal to that of Yale, Princeton, and Pennsylvania Military College.

Riding will be done this year at the Commonwealth Armory with Major Brown in charge. Club posters will appear shortly on the bulletin boards.

A game of tag is an important part of the early season football practice at Brown University. Associate Coach Robinson states that in this way each player exercises his leg muscles, develops his wind, and learns to think while running.

In connection with the present furor over the Carnegie report on the subsidization of athletes, we note that a "new, rigid athletic policy, preventing all possibility of charges of proselytizing being made against the University of Wisconsin was announced by George Little, the director of athletics." In the future "all prospective athletes coming to the Badger will obtain jobs only through the regular channels of the university employment office."

At the University of Arizona, Liberty is the most popular magazine, with Colliers and The Saturday Evening Post next in line.

A Grand Rapids attorney suggested that a woman be given the position of city pound keeper, thus increasing the long list of women's vocations.

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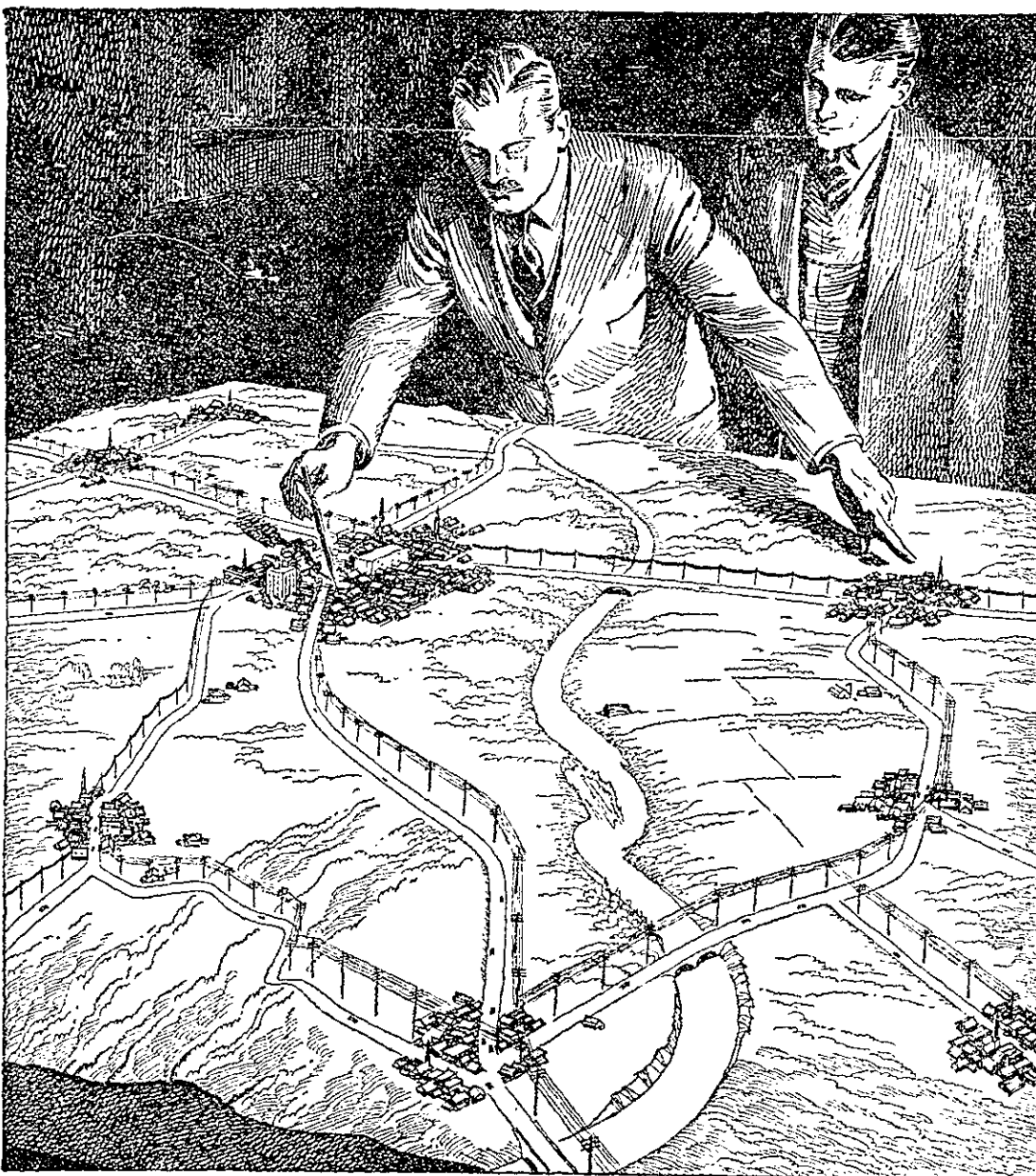
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Ask about our delivery service to the Dorms

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COMPLETE SERVICE



Key Town selling —a new telephone idea

Commercial development men of the Bell System have originated a new use of the telephone which is proving economical and efficient for modern salesmanship. From important central towns the salesman makes periodic visits to customers and prospects by telephone.

To conceive this idea, to make it practical

by selecting Key Towns on a basis of most advantageous rates to surrounding points, and to sell it as a business practice—all this illustrates how telephone service is as open as any commodity to constructive imagination.

Key Town selling is one of many indications of the steady demand, present and to come, for more and more telephone service.

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CALENDAR

Wednesday, October 30

3-5—Election of Junior Prom Committee
5:00—Sophomore Class Meeting, Room 10-250
5:30—Scabbard and Blade Smoker, Grill Room, Walker Memorial
7:20—Tech Show Chorus Tryouts, North Hall and Faculty Dining Room, Walker Memorial
5:30—T. C. A. Drive Dinner, North Hall, Walker Memorial

Thursday, October 31

6:00—A. I. E. E. Dinner Meeting, North Hall, Walker Memorial
4-6—Freshman Reception at the President's House

Friday, November 1

1:00—Field Day, Tech Field
6:00—Field Day Banquet, North Hall, Walker Memorial

Notices—Announcements

Undergraduate

SQUASH SIGN-UPS

Any men who desire to sign-up for the squash teams must do so before Saturday noon as the sign-ups will close then. Boards are provided at the courts or opposite the cashier's office.

1929 TECHNIQUE

Technique wishes to announce that a few copies of the 1929 Technique are still for sale. Anyone desiring a copy may obtain it by applying at Room 308, Walker Memorial.

NOTICE

Chorus tryouts for Tech Show 1930 will be held tonight in the North Hall of Walker Memorial at 7:30 o'clock. Men who were in the chorus of previous shows need not report.

TECHNIQUE PICTURES

Appointments for sitting for Senior pictures for the 1930 Technique are now being made. These may be made in front of the Information Office every day at the following times: from 8:45 to 9 o'clock, from 12 to 2:30 o'clock, and from 4:30 to 5 o'clock.

A. A. AWARDS

The following men still have varsity awards waiting for them at the A. A. office:

Thomas A. Fearnside '31
Warren H. Dolben '30
Sven G. Lawson '30
William W. McDowell '30
John M. Hanley '30
David W. Motter '31
Frederick A. Twarogowski '30
Wichian Vibulayamonkal '31
Ludwig C. Hoffmann '30
Irving F. Delahanty Unc.
C. M. Cutierrez
James A. Merrill '30
Roy W. Ide, Jr., '30
Robert Lamoretti '31
William P. G. Hall '31
Daniel W. Lucy '30
William E. Cullinan '30
Philip J. Riley '30
John S. E. Chibas '31
Stephan C. Gawlowicz '31

There are also class numerals for those men who earned them on the Baseball Team last spring.

Lettermen in the intellectual field are announced at Duke University, where a gold "D" is presented to those freshmen making grades of over 90%.

SONG BOOK COMMITTEE

There will be a meeting of the Song Book Committee Monday afternoon at 5 o'clock in the Voo Doo office, third floor of Walker Memorial.

TECHNIQUE PICTURES

Appointments for sitting for Senior pictures for the 1930 Technique are now being made. These may be made in front of the Information Office every day at the following times: from 9 to 10 o'clock, from 12 to 2:30 o'clock, and from 4:30 to 5 o'clock.

FIELD DAY BANQUET

The annual Field Day banquet will be held on Field Day Nov. 1 in the North Hall of Walker Memorial at six o'clock. All members of teams and officials are invited.

The co-eds at the University of Detroit have been forbidden to speak to the male students on the campus by the rector of the University. "They can do their love-making off the campus," he said, "They come here to

Seniors who have not already made their appointments for the Senior Portfolio in the 1930 Technique are urged to do so immediately. Forty out of 500 men have signed up so far. Since work on these pictures, which are to be made by the Institute Photographer, is to be started very soon the taking of sign-ups may end very shortly.

Appointments may be made every day in front of the Information Office from 9 to 10 o'clock in the morning and from 12 to 2 and 4:30 to 5:30 o'clock in the afternoon.

Military Science Band Scheduled to Play on Field Day

Freshman Unit Holds Outdoor Drill for First Time This Afternoon

Having practiced three times weekly since the opening of school, under the leadership of Warrant Officer Eric Svenson, Retired, the freshman ROTC Band is now ready for its first public appearance of the year on Field Day, and will hold its first outdoor drill this afternoon. Captain Arnold S. Ackiss, '30, will again lead the band, Friday afternoon having led the band on Field Day for the past two years.

This year's band is much larger than in previous years, being composed of forty-six pieces as compared with less than forty pieces last year. The freshmen have also formed a new nine man bugle corps this year. On Friday afternoon, the band plans to play during and between the events on the afternoon's sport program, and unless present plans are changed, the band will not as in past years lead the parade of seething Sophomores and freshmen to the field of Combat.

SCABBARD AND BLADE WILL MEET TONIGHT

Professor Frederick Morris to Address Smoker Meeting

A smoker for all army officers stationed at the institute, cadet officers, and junior officers of the M. I. T. Unit of the ROTC, will be given at 7:30 o'clock, this evening in the Grill Room, Walker, by the Institute Chapter of Scabbard and Blade, National Honorary Military Society. Professor Frederick K. Morris, of the Geological Department will be the speaker of the evening.

The date for this year's annual Military Ball has been set by the Society for Friday, November 22, and is to be held at Longwood Towers. It is rumored that Leo Reisman will furnish music for the affair.

FRESHMEN ELIGIBLE TO MINING SOCIETY

Course III Men Urged to Join Professional Society

A new ruling has been made by the Mining Society, allowing freshmen to become members. Up to the present, membership in the Society had been limited to upperclassmen. A drive for freshman members will be held next week when the advantages offered by the Mining Society will be brought to the attention of all the students in Course III, especially the new men. So far 35 men have already signed up. The activities of the Society will start November 4, when the members will take part in the banquet of the American Institute of Mining Engineers. Later there will be the monthly dinner meeting and a series of lectures given by eminent men in the field of Mining Engineering.

When Bates scored on Massachusetts State College recently, it was the first touchdown in two years for that college.

Many a noted character may now be talking through his hat. The phonographic record of his voice may be made on a salvage product of his old felt hat.

We learn from the Purdue "Exponent" that a machine has been developed at the university's experimental engineering station up in Michigan for the automatic recording of the power of a lightning flash. According to the account, "The new apparatus puts the electricity of nature to work by making it start and stop the machine that records it. Heretofore with similar apparatus the machine has had to be kept going continuously and even then there was a chance of the record being a failure." The machine is said to be an application of the oscillograph. Several have been put into use since the completion of the first model in the summer of 1928.

NEW ENGLAND CHAMPION TO COACH TECHNOLOGY TEAMS



JACK SUMMERS

ARCHITECTS ELECT STUDENT OFFICERS

Architectural Society Holds Election of Officers

At the first meeting of the Architectural Society held yesterday at 3:30 o'clock in Huntington Hall, Rogers Building, the officers of the Architectural Student Council were elected. James G. Carr 'G was chosen to represent the Graduate students, Joseph M. Shelley '30 to represent course IV men, and Rollin Rosser '30 was elected by the IV-A students. In the third year, Elliot L. Whitaker '32, and Donald E. Stearns 'G were chosen to represent course IV and IV-A. E. Richard Carle '32 was elected by the Course IV students, but due to the inability of the second year IV-A students to be present no one was elected from their group, however the election will take place tomorrow in Huntington Hall, Rogers at 12 o'clock.

Society Elects Officers

The officers of the Architectural Society who were elected at this meeting are George Shatz '30, President; and Wayne A. Sovern '30, Vice-President. Sovern was also appointed chairman of the Entertainment Committee. After the elections plans were discussed in regard to holding a dance and a smoker. The dates these will be held were not decided upon definitely, but November 22 is under consideration for the date of the dance, and November 13 for the smoker. Professors William Emerson and William H. Lawrence, both of the Department of Architecture, gave talks in regard to the honors system and the purpose of the Architectural Society.

COMMITTEE CHANGES DORM SMOKER DATE

Plans for the Dormitory Smoker, originally scheduled for the night of Thursday, November 7, have been changed by the Smoker Committee. It is now to be held on Wednesday, November 6, Prospect Hall having been definitely secured for that date. Harold Plant, '30, Chairman of the Smoker Committee has announced that difficulties had been encountered in securing the hall for Thursday night and that the Committee had thought it better to change the date rather than attempt to find some other hall.

PROFESSOR DOTEN HEARD BY MEMBERS OF LIBERAL CLUB

Technology Economist Explains Bad Features of New Tariff Bill

DISCUSSION TO FOLLOW

In pointing out the bad features of the new Tariff Bill, yesterday afternoon at the Liberal Club meeting, Professor Carroll W. Doten, of the Economics department, pointed out particularly, the increase in underhanded methods used in the formation of the revenue bill, and the effort made to hide rate increases from the public.

As Tariffs of various kinds have come to be almost universally accepted in our modern economic systems, the contemplated bill, pointed out Professor Doten, has no unusually bad features, except for this increased secrecy in drawing it up for presentation to the public.

Tariff Growth Summarized

Dr. Doten began his discussion of the tariff, yesterday, with a short summary of the growth of the tariff idea in America, telling of the inception of the tariff as an American institution under the guidance of the Hamiltonian school of thought. The ups and downs of the revenue rates, from the time when tariff was a tax for revenue alone, up to the great and distinctly protective measures of today were briefly described.

The growth of the new bill from the opening of the special session of Congress last March, through the House Ways and Means Committee, the House, the Senate and its Finance Committee, was carefully traced out by the Professor, and as a conclusion, it was pointed out that the underlying secret change which has been made from the old bill has been the introduction of an American valuation plan for the established foreign valuation plan. This change will take place over a period of several years, so that the American people will not realize just what is taking place.

As an example of the proposed tariff, Professor Doten spoke of a certain type of goods bought in Germany, which under the present rates is bought for about \$3.50 a dozen in Germany, and sells for perhaps \$9.50 a dozen here. Under the new system, of American valuations, the same goods will retail in America for \$13.50 a dozen, even though the Tariff rates have apparently been reduced.

Students at the University of Indiana have been forbidden to drive or ride in an automobile unless they have been granted a permit by the committee on student affairs and have purchased a university driver's license from the campus policeman.

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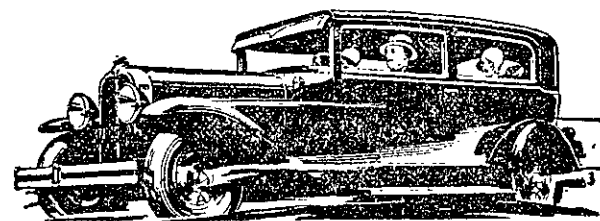
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